

ABSTRACT

A new technique is disclosed for providing an ultrasonic diagnostic apparatus and an ultrasonic
5 diagnostic method, by which it is possible to diagnose vascular endothelial function with high sensitivity through measurement of changes of elastic modulus of vascular wall in the region of tunica intima and tunica
10 media with high precision by using ultrasonic waves in the diagnosis of vascular endothelial reaction after the stopping of avascularization. According to this technique, the apparatus comprises an arithmetic unit 19 for obtaining elastic modulus of a vascular wall 4, and the apparatus is provided with at least one of a
15 calculation data storage unit 20 for storing changes over time of elastic modulus of vascular wall when artery is avascularized and the avascularization is then stopped, or a display unit 21 for displaying changes over time of elastic modulus of the vascular wall.